

## Recombinant Human SGMS2 protein(Met1-Thr79), mFc-tagged

Cat. No. SGMS2-633H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SGMS2 (NP_689834.1) (Met1-Thr79) was expressed in HEK293 with the Fc region of Mouse IgG1 at the N-terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Thr79
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human SGMS2 consists 315 amino acids and predicts a molecular mass of 35.7 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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**GENE INFORMATION**

<b>Gene Name</b>	SGMS2 sphingomyelin synthase 2 [ Homo sapiens ]
<b>Official Symbol</b>	SGMS2
<b>Synonyms</b>	SGMS2; sphingomyelin synthase 2; phosphatidylcholine:ceramide cholinephosphotransferase 2; MGC26963; SMS2; SM synthase;
<b>Gene ID</b>	166929
<b>mRNA Refseq</b>	NM_001136257
<b>Protein Refseq</b>	NP_001129729
<b>MIM</b>	611574
<b>UniProt ID</b>	Q8NHU3

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